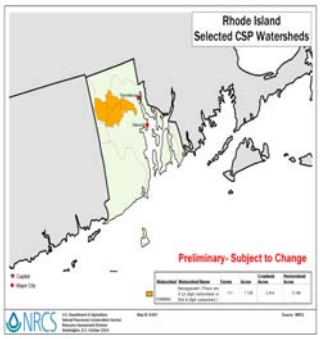

Conservation Security Program (CSP)

Natural Resources Conservation Service
Partner

USDA Natural Resources Conservation Service
60 Quaker Lane, Suite 46
Warwick, Rhode Island 02886
Telephone: 401.828.1300
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Rhode Island CSP Water Quality Checklist for Cropland

If you answer "**NO**" to any question (and are not told to proceed or skip to a future question), you do not currently meet the water quality requirements to enter into CSP in Rhode Island.

Nutrients

1. **Do you have soil test results for at least one year out of the last three cropping years (2002, 2003, 2004)?**

   ☐Yes ☐No

   Copies of soil test results must be available for review and verification by NRCS prior to acceptance into CSP

2. **Do you have records of your fertilizer applications (including compost and manure) two out of the last three years?**

   ☐Yes ☐No

   Records must be available for review and verification by NRCS prior to acceptance into CSP.

3. **Have you applied fertilizer, manure and/or compost according to soil test recommendations and/or a nutrient management plan?**

   ☐Yes ☐No

4. **Do you apply nutrients (fertilizer, compost and/or manure) to any fields with highly leachable soils (see attachment)?**

   ☐Yes ☐No If yes, go to next question. If no, skip to question #6.

5. **If you irrigate the fields with highly leachable soils, do you follow an Irrigation Water Management plan where you control the amount and timing of your irrigation activities based on rainfall and/or soil moisture levels?**

   ☐Yes ☐No

   If applicable, irrigation records must be available for review and verification by NRCS prior to acceptance into CSP.

6. **Do you have at least a 35' wide vegetated buffer between your cropland fields where phosphorus based fertilizer or manure are applied and any streams?**

   ☐Yes ☐No

   Aerial photo interpretation will be used during your CSP interview to verify the presence of buffers.

Pesticides

7. **Do you have records of your pesticide applications two out of the last three years?**

☐Yes ☐No

Records must be available for review and verification by NRCS prior to acceptance into CSP.

8. **Do you use any pesticides that are considered intermediate, high, or extra hazard to human health, due to leaching, based on WIN PST analysis ?** If yes, do you use:

Intermediate _____; *High* _____ or *Extra High* _____in sensitive areas (check all categories that apply that are within 200 feet of public drinking water well, or 100 feet of private well)?

☐Yes ☐No

If yes, to *Intermediate* or *High*, proceed to next question. If yes to *Extra High*, you are not eligible to participate in CSP in these fields.

9. **Do you irrigate the same areas where these pesticides are used?**

☐Yes ☐No If yes, proceed to next question. If no, skip to question #11.

10. **For areas that you answered yes to both of the above questions, do you follow an Irrigation Water Management plan where you control the amount and timing of your irrigation activities based on rainfall and/or soil moisture levels?**

☐Yes ☐No

If applicable, irrigation records must be available for review and verification by NRCS prior to acceptance into CSP.

11. **Do you use any pesticides that are considered Intermediate, High, or Extra High hazard to fish, due to surface or adsorbed runoff, based on WIN PST analysis ?**

☐Yes ☐No

If no, skip to next question. If yes, do you have at least 35'wide vegetated buffers in place between field edges and streams?

12. **Do you spray any pesticides with a mister? Yes or No. If no, skip to next question. If yes, are treed buffers in place adjacent to streams to prevent pesticide drift from reaching water courses?**

☐Yes ☐No

NRCS will verify presence of windbreak or buffer through aerial interpretation at time of CSP interview.

Sediment as a pollutant

13. **Are gullies present, and if so, stabilized on your cropland and pastureland areas on your farm?**

☐Yes ☐No

NRCS will verify presence or absence of gullies on your farm, and if present, refer to historical photos to determine whether or not they are progressing to assess this question.

2005 - Conservation Security Program (CSP)

Highly Leachable Soils in Providence County

** Providence County (off GIS Soils Database)

Soil Map Unit	Soil Name / Description
Aa	Aa Adrian muck
AfA	Agawam fine sandy loam, 0 to 3 percent slopes
AfB	Agawam fine sandy loam, 3 to 8 percent slopes
BhA	Bridgehampton silt loam, 0 to 3 percent slopes
BhB	Bridgehampton silt loam, 3 to 8 percent slopes
BmA	Bridgehampton silt loam, till substratum, 0 to 3 percent slopes
BmB	Bridgehampton silt loam, till substratum, 3 to 8 percent slopes
BnB	Bridgehampton-Charlton complex, very stony, 0 to 8 percent slopes
BnC	Bridgehampton-Charlton complex, very stony, 8 to 15 percent slopes
BoC	Bridgehampton-Charlton complex, extremely stony, 3 to 15 percent slopes
CaC	Canton-Charlton-Rock outcrop complex, 3 to 15 percent slopes
CaD	Canton-Charlton-Rock outcrop complex, 15 to 35 percent slopes
CB	Canton-Urban land complex
CC	Canton-Urban land complex, very rocky
CdA	Canton and Charlton fine sandy loams, 0 to 3 percent slopes
CdB	Canton and Charlton fine sandy loams, 3 to 8 percent slopes
CdC	Canton and Charlton fine sandy loams, 8 to 15 percent slopes
CeC	Canton and Charlton fine sandy loams, very rocky, 3 to 15 percent slopes
ChB	Canton and Charlton very stony fine sandy loams, 3 to 8 percent slopes

ChC	Canton and Charlton very stony fine sandy loams, 8 to 15 percent slopes
ChD	Canton and Charlton very stony fine sandy loams, 15 to 25 percent slopes
CkC	Canton and Charlton extremely stony fine sandy loams, 3 to 15 percent slopes
Co	Carlisle muck
Dc	Deerfield loamy fine sand
EfA	Enfield silt loam, 0 to 3 percent slopes
EfB	Enfield silt loam, 3 to 8 percent slopes
GBC	Gloucester-Bridgehampton complex, rolling
GBD	Gloucester-Bridgehampton complex, hilly
GhC	Gloucester-Hinckley very stony sandy loams, rolling
GhD	Gloucester-Hinckley very stony sandy loams, hilly
HkA	Hinckley gravelly sandy loam, 0 to 3 percent slopes
HkC	Hinckley gravelly sandy loam, rolling
HkD	Hinckley gravelly sandy loam, hilly
HnC	Hinckley-Enfield complex, rolling
MmA	Merrimac sandy loam, 0 to 3 percent slopes
MmB	Merrimac sandy loam, 3 to 8 percent slopes
MU	Merrimac-Urban land complex
NaA	Narragansett silt loam, 0 to 3 percent slopes
NaB	Narragansett silt loam, 3 to 8 percent slopes
NbB	Narragansett very stony silt loam, 0 to 8 percent slopes
NbC	Narragansett very stony silt loam, 8 to 15 percent slopes
NcC	Narragansett extremely stony silt loam, 3 to 15 percent slopes

Nt	Ninigret fine sandy loam
Pg	Pits, quarries
Pp	Podunk fine sandy loam
QoA	Quonset gravelly sandy loam, 0 to 3 percent slopes
QoC	Quonset gravelly sandy loam, rolling
ScA	Scio silt loam, 0 to 3 percent slopes
SdB	Scio very stony silt loam, 0 to 8 percent slopes
Ss	Sudbury sandy loam
StA	Sutton fine sandy loam, 0 to 3 percent slopes
StB	Sutton fine sandy loam, 3 to 8 percent slopes
SuB	Sutton very stony fine sandy loam, 0 to 8 percent slopes
SvB	Sutton extremely stony fine sandy loam, 0 to 8 percent slopes
Tb	Tisbury silt loam
UAB	Udipsamments
WbA	Wapping silt loam, 0 to 3 percent slopes
WbB	Wapping silt loam, 3 to 8 percent slopes
WcB	Wapping very stony silt loam, 0 to 8 percent slopes
WdB	Wapping extremely stony silt loam, 0 to 8 percent slopes
WgA	Windsor loamy sand, 0 to 3 percent slopes
WgB	Windsor loamy sand, 3 to 8 percent slopes

Conservation Security Program (CSP)

Nitrogen Leaching Index (NLI)- List of Hydrologic Soil Groups

** Hydro Groups A + B are above the NLI in Prov County

** Providence County (off GIS Soils Database)

Soil Map Unit	Soil Name / Description	Soil Hydrolygic Group
GhC	Gloucester-Hinckley very stony sandy loams, rolling	A
GhD	Gloucester-Hinckley very stony sandy loams, hilly	A
HkA	Hinckley gravelly sandy loam, 0 to 3 percent slopes	A
HkC	Hinckley gravelly sandy loam, rolling	A
HkD	Hinckley gravelly sandy loam, hilly	A
MmA	Merrimac sandy loam, 0 to 3 percent slopes	A
MmB	Merrimac sandy loam, 3 to 8 percent slopes	A
MU	Merrimac-Urban land complex	A
Pg	Pits, quarries	A
QoA	Quonset gravelly sandy loam, 0 to 3 percent slopes	A
QoC	Quonset gravelly sandy loam, rolling	A
UAB	Udipsamments	A
WgA	Windsor loamy sand, 0 to 3 percent slopes	A
WgB	Windsor loamy sand, 3 to 8 percent slopes	A
Aa	Aa Adrian muck	A/D
Co	Carlisle muck	A/D

AfA	Agawam fine sandy loam, 0 to 3 percent slopes	B
AfB	Agawam fine sandy loam, 3 to 8 percent slopes	B
BhA	Bridgehampton silt loam, 0 to 3 percent slopes	B
BhB	Bridgehampton silt loam, 3 to 8 percent slopes	B
BmA	Bridgehampton silt loam, till substratum, 0 to 3 percent slopes	B
BmB	Bridgehampton silt loam, till substratum, 3 to 8 percent slopes	B
BnB	Bridgehampton-Charlton complex, very stony, 0 to 8 percent slopes	B
BnC	Bridgehampton-Charlton complex, very stony, 8 to 15 percent slopes	B
BoC	Bridgehampton-Charlton complex, extremely stony, 3 to 15 percent slopes	B
CaC	Canton-Charlton-Rock outcrop complex, 3 to 15 percent slopes	B
CaD	Canton-Charlton-Rock outcrop complex, 15 to 35 percent slopes	B
CB	Canton-Urban land complex	B
CC	Canton-Urban land complex, very rocky	B
CdA	Canton and Charlton fine sandy loams, 0 to 3 percent slopes	B
CdB	Canton and Charlton fine sandy loams, 3 to 8 percent slopes	B
CdC	Canton and Charlton fine sandy loams, 8 to 15 percent slopes	B
CeC	Canton and Charlton fine sandy loams, very rocky, 3 to 15 percent slopes	B
ChB	Canton and Charlton very stony fine sandy loams, 3 to 8 percent slopes	B
ChC	Canton and Charlton very stony fine sandy loams, 8 to 15 percent slopes	B
ChD	Canton and Charlton very stony fine sandy loams, 15 to 25 percent slopes	B
CkC	Canton and Charlton extremely stony fine sandy loams, 3 to 15 percent slopes	B
Dc	Deerfield loamy fine sand	B
EfA	Enfield silt loam, 0 to 3 percent slopes	B
EfB	Enfield silt loam, 3 to 8 percent slopes	B
GBC	Gloucester-Bridgehampton complex, rolling	B
GBD	Gloucester-Bridgehampton complex, hilly	B
HnC	Hinckley-Enfield complex, rolling	B

NaA	Narragansett silt loam, 0 to 3 percent slopes	B
NaB	Narragansett silt loam, 3 to 8 percent slopes	B
NbB	Narragansett very stony silt loam, 0 to 8 percent slopes	B
NbC	Narragansett very stony silt loam, 8 to 15 percent slopes	B
NcC	Narragansett extremely stony silt loam, 3 to 15 percent slopes	B
Nt	Ninigret fine sandy loam	B
Pp	Podunk fine sandy loam	B
ScA	Scio silt loam, 0 to 3 percent slopes	B
SdB	Scio very stony silt loam, 0 to 8 percent slopes	B
Ss	Sudbury sandy loam	B
StA	Sutton fine sandy loam, 0 to 3 percent slopes	B
StB	Sutton fine sandy loam, 3 to 8 percent slopes	B
SuB	Sutton very stony fine sandy loam, 0 to 8 percent slopes	B
SvB	Sutton extremely stony fine sandy loam, 0 to 8 percent slopes	B
Tb	Tisbury silt loam	B
WbA	Wapping silt loam, 0 to 3 percent slopes	B
WbB	Wapping silt loam, 3 to 8 percent slopes	B
WcB	Wapping very stony silt loam, 0 to 8 percent slopes	B
WdB	Wapping extremely stony silt loam, 0 to 8 percent slopes	B
Bc	Birchwood sandy loam	C
BrA	Broadbrook silt loam, 0 to 3 percent slopes	C
BrB	Broadbrook silt loam, 3 to 8 percent slopes	C
BsB	Broadbrook very stony silt loam, 0 to 8 percent slopes	C
LgC	Lippitt gravelly sandy loam, very rocky, 3 to 15 percent slopes	C
NeA	Newport silt loam, 0 to 3 percent slopes	C
NeB	Newport silt loam, 3 to 8 percent slopes	C
NeC	Newport silt loam, 8 to 15 percent slopes	C

NfB	Newport very stony silt loam, 3 to 8 percent slopes	C
NoC	Newport extremely stony silt loam, 3 to 15 percent slopes	C
NP	Newport-Urban land complex	C
PaA	Paxton fine sandy loam, 0 to 3 percent slopes	C
PaB	Paxton fine sandy loam, 3 to 8 percent slopes	C
PbB	Paxton very stony fine sandy loam, 0 to 8 percent slopes	C
PbC	Paxton very stony fine sandy loam, 8 to 15 percent slopes	C
PcC	Paxton extremely stony fine sandy loam, 3 to 15 percent slopes	C
PD	Paxton-Urban land complex	C
PmA	Pittstown silt loam, 0 to 3 percent slopes	C
PmB	Pittstown silt loam, 3 to 8 percent slopes	C
PnB	Pittstown very stony silt loam, 0 to 8 percent slopes	C
PsA	Poquonock loamy fine sand, 0 to 3 percent slopes	C
PsB	Poquonock loamy fine sand, 3 to 8 percent slopes	C
RaA	Rainbow silt loam, 0 to 3 percent slopes	C

RaB	Rainbow silt loam, 3 to 8 percent slopes	C
RbB	Rainbow very stony silt loam, 0 to 8 percent slopes	C
Rc	Raypol silt loam	C
Re	Ridgebury fine sandy loam	C
Rf	Ridgebury, Whitman, and Leicester extremely stony fine sandy loams	C
Rp	Rock outcrop-Canton complex	C
Ru	Rumney fine sandy loam	C
Se	Stissing silt loam	C
Sf	Stissing very stony silt loam	C
Wa	Walpole sandy loam	C
WhA	Woodbridge fine sandy loam, 0 to 3 percent slopes	C
WhB	Woodbridge fine sandy loam, 3 to 8 percent slopes	C
WoB	Woodbridge very stony fine sandy loam, 0 to 8 percent slopes	C
WrB	Woodbridge extremely stony fine sandy loam, 0 to 8 percent slopes	C
Ip	Ipswich peat	D
Ma	Mansfield mucky silt loam	D
Mc	Mansfield very stony mucky silt loam	D
Mk	Matunuck mucky peat	D
Pk	Pits, quarries	D
Sb	Scarboro mucky sandy loam	D
UBE	Udorthents, very steep	D
Ba	Beaches	
W	Water	
Du	Dumps	
Rk	Rock outcrop	
UD	Udorthents-Urban land complex	
Ur	Urban land	